IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KUMADA et al.

Group Art Unit: Unassigned

Application No. Unassigned

Examiner: Unassigned

Filed: July 22, 2003

For: VIA-FILLING MATERIAL AND PROCESS FOR

FABRICATING SEMICONDUCTOR

INTEGRATED CIRCUIT USING THE SAME

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed thereon are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

within any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 CFR 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 of an international application; (c) before the mailing date

		rst Office Action on the merits; or (d) before the mailing of a first Office Action he filing of a request for continued examination under 37 CFR 1.114.
	37 CF	(a), (b), (c) or (d) above, but before the mailing date of a final action under R 1.113, a Notice of Allowance under 37 CFR 1.311, or an action that vise closes prosecution in the application, and includes <i>one</i> of:
		the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).
	\bigcap	the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
	under and o 37 CF	the mailing date of a final action under 37 CFR 1.113 or a Notice of Allowance 37 CFR 1.311, or an action that otherwise closes prosecution in the application, n or before payment of the issue fee, and includes the Statement under R 1.97(e) (see "Statement under 37 CFR 1.97(e)" below), and the fee of \$180 as th in 37 CFR 1.17(p) (see "Fees" below).
	payme contain 37 CF \$180 a NOTE: May 29	the mailing date of a Notice of Allowance under 37 CFR 1.311, and on or before ent of the issue fee, and within thirty days of receiving each item of information ned in the Information Disclosure Statement, and includes the Statement under R 1.704(d) (see "Statement under 37 CFR 1.704(d)" below), and the fee of as set forth in 37 CFR 1.17(p) (see "Fees" below). This is for original applications except applications for a design patent, filed on or after 2, 2000, wherein a paper containing only an Information Disclosure Statement in compliance CFR 1.97 and 1.98 is being filed.
Copie	s of the	References
	Attach releva an En action degree	s of the references listed on the enclosed Form 1449 are enclosed herewith. ned to each reference not in the English language is a concise explanation of the nce pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or glish-language abstract, or an English-language version of the search report or by a foreign patent office in a counterpart foreign application indicating the of relevance found by the foreign office is being submitted in lieu of a concise nation of the relevance pursuant to 37 CFR 1.98(a)(3).
	A cop	y of the foreign search report is enclosed herewith.
	parent furnish submi The laccord Proced relied	eferences listed on the enclosed Form 1449 were previously identified in the application(s) of the present application, and copies of the references were hed at that time. Accordingly, additional copies of the references are not ted herewith, so as not to burden the file with duplicate copies of references. Examiner is respectfully requested to carefully review the references in lance with the requirements set out in the Manual of Patent Examining dure. In accordance with 37 CFR 1.98(d), the details of the parent application(s) upon for an earlier filing date under 35 USC 120 in which copies of the nces were previously furnished are set out below:

for that purpose.)

	U.S. APPLI	CATIONS	S	tatus (check d	one)
	.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1.					
2.					
3.					
State	ment under 37 CFR	1.97(e)			
	Information Disclering foreign patent offi	hereby states that each osure Statement was force in a counterpart force filing of the Information	irst cited in a ign patent app	ny commun lication not	ication from a
	Information Disclo office in a count undersigned after in Information Discl	hereby states that no sure Statement was cited erpart foreign patent ap making reasonable inqui osure Statement was sore than three months ent.	d in a commun oplication, and ry, no item of known to an	ication from l, to the knoinformation y individual	a foreign patent owledge of the contained in the designated in
State	ment under 37 CFR	1.704(d)			
	The undersigned hereby states that each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 CFR 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.				
Fees					
	No fee is owed by The IDS Fee of \$1	the applicant(s). 80 under 37 CFR 1.17(p) is enclosed h	erewith.	
Meth	od of Payment of F	ees			
	Charge Deposit Ac	k in the amount of \$ ecount No. 12-1216 in the n is enclosed for that pur		. (A d	uplicate copy of
Auth	orization to Charge	Additional Fees			
\boxtimes	If any additional for that purpose	ees are owed in connecti No. 12-1216. (A duplica	on with this coate copy of this	ommunicatio s communica	n, please charge ation is enclosed

Instructions as to Overpayment

Credit Account No. 12-1216. Refund

Respectfully submitted,

Jeffrey A. Wyand, Reg. No. 29,458 LEYDIG, VOIT & MAYER

700 Thirteenth Street, N.W., Suite 300

Washington, DC 20005-3960 (202) 737-6770 (telephone) (202) 737-6776 (facsimile)

IDS (Revised 5/21/03)

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	the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).
	or the fee of \$180 set forth in 37 CFR 1.17(p) (see "Fees" below).
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Copie	s of the References
	Copies of the references listed on the enclosed Form 1449 are enclosed herewith. Attached to each reference not in the English language is a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3). An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of the relevance pursuant to 37 CFR 1.98(a)(3).
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	U.S. APPLIC	CATIONS	atus (check c	eck one)					
U.	S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED				
1.									
2.									
3.									
Statement under 37 CFR 1.97(e)									
	Information Discle foreign patent office	hereby states that each osure Statement was fince in a counterpart foreign filing of the Information	rst cited in a ign patent app	ny commun lication not i	ication from a				
	The undersigned hereby states that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the Information Disclosure Statement.								
State	ment under 37 CFR	1.704(d)							
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Meth	od of Payment of Fe	ees							
	Attached is a check in the amount of \$. Charge Deposit Account No. 12-1216 in the amount of \$. (A duplicate copy of this communication is enclosed for that purpose.)								
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\boxtimes		ees are owed in connecti No. 12-1216. (A duplica							

Instructions as to Overpayment

Credit Account No. 12-1216. Refund

Respectfully submitted,

LEYDIG, VOIT & MAYER

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Washington, DC 20005-3960 (202) 737-6770 (telephone) (202) 737-6776 (facsimile)

IDS (Revised 5/21/03)

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Substitute for fo	rm 1449A/B/PTO			Application Number	Unassigned		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	July 22, 2003		
				First Named Inventor	Teruhiko KUMADA		
				Group Art Unit	Unassigned		
	(Use as many sheet	s as ned	cessary)	Examiner Name	Unassigned		
Sheet	1	of	1	Attorney Docket Number	402715		

U.S. PATENT DOCUMENTS						
-		U.S. Patent Docu	ıment			
Examiner Initials	Doc. No.	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Filing Date If Appropriate
	A 1	2001/0008802		Atsushi NISHIZAWA	7/19/2001	
	A2	6,319,815		IGUCHI et al.	11/20/2001	
			1			

Foreign Patent Document					Translation			
Examiner Initials	Doc. No.	Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No*+
	A 3	JP	2000-195955		TOKYO OHKA KOGYO CO LTD	7/14/2000		X+
	A 4	JP	5-129251		OKI ELECTRIC IND CO LTD	5/25/1993		X+
	A 5	JP	2001-203207		NEC CORP	7/27/2001		X+
					22			

OTHER - NON PATENT LITERATURE DOCUMENTS						
Examiner		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item	Trans	lation		
Initials	Doc. No.	(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*+		
			1			

Examiner Signature	Date Considered		ĺ

^{*} A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

+ An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or action by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

Please type a plus sign (+) inside this box ->	+
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Substitute for form 1449A/B/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

-		Complete if Known
	Application Number	Unassigned
	Filing Date	July 22, 2003
	First Named Inventor	Teruhiko KUMADA
	Group Art Unit	Unassigned
	Examiner Name	Unassigned
	Attorney Docket Number	402715

U.S. PATENT DOCUMENTS						
	Doc. No.	U.S. Patent Document				
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	A 2	6,319,815		IGUCHI et al.	11/20/2001	
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	Doc. No.	Foreign Patent Document					Translation	
Examiner Initials		Office	Application or Patent Number	Kind Code	Name of Patentee or Applicant	Date of Publication	Yes	No*+
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	A 4	JP	5-129251		OKI ELECTRIC IND CO LTD	5/25/1993		X+
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	OTHER - NON PATENT LITERATURE DOCUMENTS						
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		(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number (s), publisher, city and/or country where published.	Yes	No*+			
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